

California Arbovirus Surveillance Bulletin #26

Week 34 Friday, August 28, 2015



Weekly Update

Humans

Twenty-six new human cases of West Nile virus (WNV) illness were reported this week from the following 12 counties: Butte (6), Glenn (4), Kern (1), Riverside (1), San Bernardino (1), San Joaquin (1), Siskiyou (1), Stanislaus (3), Sutter (2), Tehama (1), Yolo (1), and Yuba (4). These are the first cases reported from San Joaquin, Siskiyou, Stanislaus, Sutter, Yolo, and Yuba counties this year. As of August 26, a total of 83 human cases of WNV illness have been reported to the California Department of Public Health from 19 counties. Of the 83 case-patients, 46 (55%) had neuroinvasive illness. The median age of the individuals is 55 years (range: 5-91 years); 53 (64%) are male. Dates of symptom onset ranged from May 15 to August 14. Two WNV-related fatalities have been reported to CDPH. In addition, 15 asymptomatic WNV-positive blood donors have been reported from Butte (5), Glenn (1), Napa (1), Orange (1), Placer (1), Sacramento (1), San Bernardino (3), Tehama (1) and Tulare (1) counties.

Dead Birds

A total of 78 WNV positive dead birds were reported this week from the following 18 counties: Alameda (1), Butte (3), Contra Costa (1), Lake (2), Los Angeles (8), Napa (2), Nevada (1), Orange (3), Placer (3), Riverside (5), Sacramento (6), San Diego (20), San Joaquin (1), San Mateo (1), Santa Clara (11), Shasta (2), Stanislaus (3), and Yolo (5). In 2015, 581 birds have tested positive for WNV from 36 counties. At this time last year, 1,570 WNV positive birds had been detected in 33 counties.

Mosquito Pools

A total of 305 WNV positive mosquito pools were reported this week from the following 18 counties: Butte (2), Fresno (14), Kern (10), Kings (26), Lake (4), Los Angeles (32), Madera (8), Orange (87), Placer (1), Riverside (8), Sacramento (16), San Bernardino (25), San Joaquin (17), Shasta (3), Stanislaus (11), Sutter (1), Tulare (28), and Yolo (12). In addition, 7 mosquito pools from Riverside County tested positive for **St. Louis encephalitis virus (SLEV)** this week. In 2015, 2,073 mosquito pools have tested positive for WNV from 29 counties, and 21 mosquito pools have tested positive for SLEV from one county (Riverside). At this time last year, 2,308 WNV mosquito pools had been reported from 29 counties.

Sentinel Chickens

A total of 24 WNV seroconversions were reported this week from 11 flocks located in 7 counties: Los Angeles (4), Placer (3), Riverside (3), San Bernardino (7), Santa Clara (3), Solano (3), and Yolo (1). **These are the first positive sentinel chickens reported from Riverside and Santa Clara counties this year.** In 2015, 174 WNV seroconversions have been detected among 49 flocks located in 20 counties. At this time last year, 184 WNV positive chickens had been reported from 49 flocks in 19 counties.

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| YTD Activity by Element and County, 2015 | | | | |
|---|-----------|------------|----------------|-------------------|
| County | Humans | Dead Birds | Mosquito Pools | Sentinel Chickens |
| Alameda | | 12 | 3 | |
| Butte | 36 | 33 | 87 | 35 |
| Colusa | | 3 | | 10 |
| Contra Costa | | 4 | 2 | 6 |
| El Dorado | | 2 | | |
| Fresno | | 1 | 64 | |
| Glenn | 12 | 4 | 21 | 6 |
| Humboldt | | 2 | | |
| Kern | 3 | 1 | 113 | |
| Kings | | 3 | 105 | |
| Lake | 1 | 5 | 24 | 2 |
| Los Angeles | 1 | 12 | 96 | 6 |
| Madera | | 1 | 13 | |
| Marin | | 3 | | |
| Mendocino | 1 | | | |
| Merced | | 1 | 7 | 8 |
| Napa | | 5 | | |
| Nevada | 2 | 9 | | |
| Orange | 1 | 25 | 173 | |
| Placer | | 8 | 45 | 8 |
| Riverside | 4 | 39 | 120 | 3 |
| Sacramento | | 61 | 108 | 1 |
| San Bernardino | 2 | 4 | 140 | 12 |
| San Diego | | 107 | 8 | |
| San Joaquin | 1 | 11 | 151 | |
| San Mateo | | 8 | 4 | |
| Santa Barbara | | | 1 | |
| Santa Clara | 1 | 83 | 5 | 3 |
| Shasta | | 10 | 44 | 13 |
| Siskiyou | 1 | | | |
| Solano | | 7 | 4 | 6 |
| Sonoma | | 4 | 8 | |
| Stanislaus | 3 | 13 | 38 | 6 |
| Sutter | 2 | 16 | 51 | 26 |
| Tehama | 3 | | | 7 |
| Trinity | | 2 | | |
| Tulare | 4 | 22 | 463 | |
| Ventura | | 6 | | 3 |
| Yolo | 1 | 48 | 152 | 2 |
| Yuba | 4 | 6 | 23 | 11 |
| Totals | 83 | 581 | 2,073 | 174 |

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| 2014 & 2015 YTD West Nile Virus Comparisons | | |
|---|----------------|----------------|
| | 2014 | 2015 |
| Total # Dead Bird Reports | 10,145 | 7,624 |
| # Positive Counties | 36 | 40 |
| # Human Cases | 93 | 83 |
| # Positive Dead Birds / # Tested | 1,570 / 2,700 | 581 / 1,996 |
| # Positive Mosquito Pools / # Tested | 2,308 / 19,682 | 2,073 / 23,684 |
| # Seroconversions / # Tested | 184 / 10,106 | 174 / 8,460 |

TESTING SUMMARIES

Humans

| | | WNV | SLE | WEE |
|-------------|------|-----|-----|-----|
| Human Cases | Week | 26 | 0 | 0 |
| | YTD | 83 | 0 | 0 |

Dead Birds

| | | Number Tested | WNV Positive |
|------------|------|---------------|--------------|
| Dead Birds | Week | 129 | 78 |
| | YTD | 1,996 | 581 |

Chickens & Mosquitoes

| | | Number Tested | WNV Positive | SLEV Positive | WEEV Positive |
|----------------|------|---------------|--------------|---------------|---------------|
| Chicken Sera | Week | 393 | 24 | 0 | 0 |
| | YTD | 8,460 | 174 | 0 | 0 |
| Mosquito Pools | Week | 1,926 | 305 | 7 | 0 |
| | YTD | 23,684 | 2,073 | 21 | 0 |

NEW POSITIVES

Dead Birds

| County | Agency | City | Zip Code | Species | Date Reported | Virus |
|--------------|----------------------------------|------------|----------|-------------------|---------------|-------|
| Alameda | Alameda Co MAD | Fremont | 94536 | American Crow | 8/21/2015 | WNV |
| Butte | Butte Co MVCD | Chico | 95973 | Western Scrub-Jay | 8/20/2015 | WNV |
| Butte | Butte Co MVCD | Oroville | 95966 | Western Scrub-Jay | 8/24/2015 | WNV |
| Butte | Butte Co MVCD | Paradise | 95969 | Steller's Jay | 8/18/2015 | WNV |
| Contra Costa | Contra Costa MVCD | Concord | 94518 | American Crow | 8/21/2015 | WNV |
| Lake | Lake Co VCD | Clearlake | 95422 | Western Scrub-Jay | 8/24/2015 | WNV |
| Lake | Lake Co VCD | Lower Lake | 95457 | House Sparrow | 8/19/2015 | WNV |
| Los Angeles | Greater Los Angeles Co VCD - SFS | Artesia | 90701 | American Crow | 8/12/2015 | WNV |
| Los Angeles | Greater Los Angeles Co VCD - SFS | Cerritos | 90703 | American Crow | 8/20/2015 | WNV |

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|-------------|-------------------------------------|----------------|-------|----------------------|-----------|-----|
| Los Angeles | Greater Los Angeles Co VCD - SFS | Pico Rivera | 90660 | American Crow | 8/20/2015 | WNV |
| Los Angeles | Greater Los Angeles Co VCD - Sylmar | Van Nuys | 91411 | American Crow | 8/18/2015 | WNV |
| Los Angeles | San Gabriel Valley MVCD | Covina | 91723 | American Crow | 8/24/2015 | WNV |
| Los Angeles | San Gabriel Valley MVCD | Covina | 91724 | American Crow | 8/21/2015 | WNV |
| Los Angeles | San Gabriel Valley MVCD | Covina | 91724 | Sparrow | 8/18/2015 | WNV |
| Los Angeles | San Gabriel Valley MVCD | San Dimas | 91773 | Finch | 8/12/2015 | WNV |
| Napa | Napa Co MAD | Napa | 94558 | American Crow | 8/17/2015 | WNV |
| Napa | Napa Co MAD | Napa | 94558 | American Crow | 8/18/2015 | WNV |
| Nevada | Nevada Co Env Health - Nevada City | Grass Valley | 95945 | Western Scrub-Jay | 8/24/2015 | WNV |
| Orange | Orange Co VCD | Mission Viejo | 92691 | American Crow | 8/18/2015 | WNV |
| Orange | Orange Co VCD | Tustin | 92780 | American Crow | 8/19/2015 | WNV |
| Orange | Orange Co VCD | Tustin | 92780 | American Crow | 8/20/2015 | WNV |
| Placer | Placer MVCD | Auburn | 95602 | Western Scrub-Jay | 8/24/2015 | WNV |
| Placer | Placer MVCD | Roseville | 95747 | House Finch | 8/20/2015 | WNV |
| Placer | Placer MVCD | Roseville | 95747 | Western Scrub-Jay | 8/25/2015 | WNV |
| Riverside | Northwest Mosquito VCD | Corona | 92880 | American Crow | 8/17/2015 | WNV |
| Riverside | Northwest Mosquito VCD | Mira Loma | 91752 | American Crow | 8/18/2015 | WNV |
| Riverside | Northwest Mosquito VCD | Riverside | 92504 | American Crow | 8/17/2015 | WNV |
| Riverside | Northwest Mosquito VCD | Riverside | 92507 | American Crow | 8/17/2015 | WNV |
| Riverside | Northwest Mosquito VCD | Riverside | 92509 | American Crow | 8/18/2015 | WNV |
| Sacramento | Sacramento-Yolo MVCD | Citrus Heights | 95610 | Yellow-billed Magpie | 8/21/2015 | WNV |
| Sacramento | Sacramento-Yolo MVCD | Elk Grove | 95624 | Western Scrub-Jay | 8/22/2015 | WNV |
| Sacramento | Sacramento-Yolo MVCD | Folsom | 95630 | American Crow | 8/25/2015 | WNV |
| Sacramento | Sacramento-Yolo MVCD | Folsom | 95630 | Western Scrub-Jay | 8/22/2015 | WNV |
| Sacramento | Sacramento-Yolo MVCD | Orangevale | 95662 | Western Scrub-Jay | 8/21/2015 | WNV |
| Sacramento | Sacramento-Yolo MVCD | Sacramento | 95825 | American Crow | 8/26/2015 | WNV |
| San Diego | San Diego Co VCP | Bonita | 91902 | American Crow | 8/25/2015 | WNV |
| San Diego | San Diego Co VCP | Chula Vista | 91910 | American Crow | 8/19/2015 | WNV |
| San Diego | San Diego Co VCP | El Cajon | 92021 | Western Scrub-Jay | 8/21/2015 | WNV |
| San Diego | San Diego Co VCP | El Cajon | 92021 | Western Scrub-Jay | 8/25/2015 | WNV |
| San Diego | San Diego Co VCP | Imperial Beach | 91932 | American Crow | 8/25/2015 | WNV |
| San Diego | San Diego Co VCP | Mira Mesa | 92121 | American Crow | 8/19/2015 | WNV |
| San Diego | San Diego Co VCP | National City | 91950 | American Crow | 8/20/2015 | WNV |
| San Diego | San Diego Co VCP | Oceanside | 92057 | American Crow | 8/26/2015 | WNV |
| San Diego | San Diego Co VCP | Ramona | 92065 | American Crow | 8/25/2015 | WNV |
| San Diego | San Diego Co VCP | Ramona | 92065 | Western Scrub-Jay | 8/25/2015 | WNV |
| San Diego | San Diego Co VCP | San Diego | 92104 | American Crow | 8/27/2015 | WNV |
| San Diego | San Diego Co VCP | San Diego | 92109 | American Crow | 8/28/2015 | WNV |
| San Diego | San Diego Co VCP | San Diego | 92113 | Western Scrub-Jay | 8/25/2015 | WNV |
| San Diego | San Diego Co VCP | San Diego | 92115 | American Crow | 8/19/2015 | WNV |
| San Diego | San Diego Co VCP | San Diego | 92117 | American Crow | 8/26/2015 | WNV |
| San Diego | San Diego Co VCP | San Diego | 92117 | American Crow | 8/26/2015 | WNV |
| San Diego | San Diego Co VCP | San Diego | 92122 | American Crow | 8/20/2015 | WNV |
| San Diego | San Diego Co VCP | San Diego | 92123 | American Crow | 8/21/2015 | WNV |
| San Diego | San Diego Co VCP | Santee | 92071 | American Crow | 8/24/2015 | WNV |
| San Diego | San Diego Co VCP | Santee | 92071 | American Crow | 8/25/2015 | WNV |

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|-------------|----------------------|---------------|-------|----------------------|-----------|-----|
| San Joaquin | San Joaquin Co MVCD | Banta | 95304 | Western Scrub-Jay | 8/26/2015 | WNV |
| San Mateo | San Mateo Co MAD | Menlo Park | 94025 | American Crow | 8/24/2015 | WNV |
| Santa Clara | Santa Clara Co VCD | Campbell | 95008 | American Crow | 8/19/2015 | WNV |
| Santa Clara | Santa Clara Co VCD | Los Gatos | 95030 | American Crow | 8/20/2015 | WNV |
| Santa Clara | Santa Clara Co VCD | Mountain View | 94040 | American Crow | 8/17/2015 | WNV |
| Santa Clara | Santa Clara Co VCD | Mountain View | 94040 | American Crow | 8/18/2015 | WNV |
| Santa Clara | Santa Clara Co VCD | Palo Alto | 94036 | American Crow | 8/21/2015 | WNV |
| Santa Clara | Santa Clara Co VCD | San Jose | 95123 | American Crow | 8/20/2015 | WNV |
| Santa Clara | Santa Clara Co VCD | San Jose | 95127 | Western Scrub-Jay | 8/18/2015 | WNV |
| Santa Clara | Santa Clara Co VCD | San Jose | 95129 | American Crow | 8/21/2015 | WNV |
| Santa Clara | Santa Clara Co VCD | Santa Clara | 95051 | American Crow | 8/20/2015 | WNV |
| Santa Clara | Santa Clara Co VCD | Santa Clara | 95051 | American Crow | 8/21/2015 | WNV |
| Santa Clara | Santa Clara Co VCD | Saratoga | 95070 | American Crow | 8/15/2015 | WNV |
| Shasta | Shasta MVCD | Anderson | 96007 | Western Scrub-Jay | 8/26/2015 | WNV |
| Shasta | Shasta MVCD | Redding | 96001 | American Crow | 8/26/2015 | WNV |
| Stanislaus | East Side MAD | Oakdale | 95361 | Western Scrub-Jay | 8/18/2015 | WNV |
| Stanislaus | East Side MAD | Oakdale | 95361 | Yellow-billed Magpie | 8/21/2015 | WNV |
| Stanislaus | Turlock MAD | Patterson | 95363 | American Crow | 8/19/2015 | WNV |
| Yolo | Sacramento-Yolo MVCD | Davis | 95616 | American Crow | 8/21/2015 | WNV |
| Yolo | Sacramento-Yolo MVCD | Davis | 95618 | Western Scrub-Jay | 8/24/2015 | WNV |
| Yolo | Sacramento-Yolo MVCD | Woodland | 95695 | American Crow | 8/24/2015 | WNV |
| Yolo | Sacramento-Yolo MVCD | Woodland | 95695 | Yellow-billed Magpie | 8/25/2015 | WNV |
| Yolo | Sacramento-Yolo MVCD | Woodland | 95776 | American Crow | 8/24/2015 | WNV |

Mosquitoes

| County | Site Code | Pool # | Species | City | # in Pool | Trap Type | Collected | Virus |
|--------|------------|--------|----------------------|-------------|-----------|-----------|-----------|-------|
| Butte | BUCO68 | 298 | Cx. tarsalis | Gridley | 50 | CO2 | 8/25/2015 | WNV |
| Butte | BUCO69 | 292 | Cx. tarsalis | Oroville | 50 | CO2 | 8/24/2015 | WNV |
| Fresno | CNSL1312 | 423 | Cx. quinquefasciatus | Clovis | 26 | GRVD | 8/26/2015 | WNV |
| Fresno | CNSL1938 | 422 | Cx. quinquefasciatus | Clovis | 14 | GRVD | 8/25/2015 | WNV |
| Fresno | CNSL2266 | 116 | Cx. quinquefasciatus | Sanger | 34 | GRVD | 8/25/2015 | WNV |
| Fresno | CNSL6116 | 425 | Cx. tarsalis | Laton | 44 | CO2 | 8/26/2015 | WNV |
| Fresno | FRNO14 | 107 | Cx. quinquefasciatus | Fresno | 50 | GRVD | 8/25/2015 | WNV |
| Fresno | FRNO36 | 99 | Cx. quinquefasciatus | Fresno | 50 | GRVD | 8/20/2015 | WNV |
| Fresno | FRNO36 | 100 | Cx. quinquefasciatus | Fresno | 50 | GRVD | 8/20/2015 | WNV |
| Fresno | FRNO63 | 106 | Cx. quinquefasciatus | Fresno | 30 | GRVD | 8/21/2015 | WNV |
| Fresno | FRNO8008 | 96 | Cx. quinquefasciatus | | 43 | CO2 | 8/19/2015 | WNV |
| Fresno | FRWS100006 | 160 | Cx. tarsalis | Dos Palos | 50 | CO2 | 8/25/2015 | WNV |
| Fresno | FRWS220001 | 159 | Cx. tarsalis | Firebaugh | 32 | CO2 | 8/25/2015 | WNV |
| Fresno | FRWS400003 | 167 | Cx. quinquefasciatus | Mendota | 50 | CO2 | 8/25/2015 | WNV |
| Fresno | FRWS400017 | 149 | Cx. quinquefasciatus | Mendota | 47 | CO2 | 8/20/2015 | WNV |
| Fresno | FRWS400029 | 155 | Cx. quinquefasciatus | | 50 | CO2 | 8/21/2015 | WNV |
| Kern | DLNO55 | 85 | Cx. quinquefasciatus | McFarland | 25 | GRVD | 8/25/2015 | WNV |
| Kern | DLNO88 | 88 | Cx. quinquefasciatus | McFarland | 8 | GRVD | 8/25/2015 | WNV |
| Kern | KERN1144 | 459 | Cx. quinquefasciatus | Bakersfield | 50 | CO2 | 8/19/2015 | WNV |

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|-------------|----------|------|----------------------|-----------------|----|--------|-----------|-----|
| Kern | KERN2024 | 460 | Cx. quinquefasciatus | Bakersfield | 30 | GRVD | 8/20/2015 | WNV |
| Kern | KERN3028 | 461 | Cx. quinquefasciatus | Bakersfield | 35 | CO2 | 8/20/2015 | WNV |
| Kern | WEST6215 | 47 | Cx. tarsalis | Maricopa | 50 | CO2 | 8/26/2015 | WNV |
| Kern | WEST6215 | 50 | Cx. tarsalis | Maricopa | 50 | CO2 | 8/26/2015 | WNV |
| Kern | WEST6215 | 51 | Cx. tarsalis | Maricopa | 50 | CO2 | 8/26/2015 | WNV |
| Kern | WEST6228 | 52 | Cx. tarsalis | Maricopa | 50 | CO2 | 8/26/2015 | WNV |
| Kern | WEST6228 | 53 | Cx. tarsalis | Maricopa | 30 | CO2 | 8/26/2015 | WNV |
| Kings | CNSL5049 | 421 | Cx. quinquefasciatus | Kingsburg | 50 | CO2 | 8/20/2015 | WNV |
| Kings | KNGS3022 | 409 | Cx. tarsalis | Hanford | 50 | CO2 | 8/18/2015 | WNV |
| Kings | KNGS3102 | 411 | Cx. tarsalis | Armona | 29 | CO2 | 8/18/2015 | WNV |
| Kings | KNGS3102 | 412 | Cx. pipiens | Armona | 50 | CO2 | 8/18/2015 | WNV |
| Kings | KNGS4401 | 385 | Cx. tarsalis | Lemoore | 25 | BGSENT | 8/19/2015 | WNV |
| Kings | KNGS4401 | 386 | Cx. pipiens | Lemoore | 50 | BGSENT | 8/19/2015 | WNV |
| Kings | KNGS4401 | 389 | Cx. pipiens | Lemoore | 50 | BGSENT | 8/19/2015 | WNV |
| Kings | KNGS4401 | 390 | Cx. pipiens | Lemoore | 50 | BGSENT | 8/19/2015 | WNV |
| Kings | KNGS4402 | 400 | Cx. pipiens | Lemoore | 35 | BGSENT | 8/20/2015 | WNV |
| Kings | KNGS4403 | 394 | Cx. pipiens | Lemoore | 50 | BGSENT | 8/19/2015 | WNV |
| Kings | KNGS4403 | 395 | Cx. pipiens | Lemoore | 50 | BGSENT | 8/19/2015 | WNV |
| Kings | KNGS4403 | 396 | Cx. pipiens | Lemoore | 50 | BGSENT | 8/19/2015 | WNV |
| Kings | KNGS5501 | 408 | Cx. pipiens | Hanford | 24 | BGSENT | 8/20/2015 | WNV |
| Kings | KNGS5502 | 381 | Cx. pipiens | Hanford | 50 | BGSENT | 8/18/2015 | WNV |
| Kings | KNGS5502 | 382 | Cx. pipiens | Hanford | 50 | BGSENT | 8/18/2015 | WNV |
| Kings | KNGS5502 | 383 | Cx. pipiens | Hanford | 13 | BGSENT | 8/18/2015 | WNV |
| Kings | KNGS5503 | 401 | Cx. pipiens | Hanford | 19 | BGSENT | 8/20/2015 | WNV |
| Kings | KNGS5514 | 378 | Cx. pipiens | Hanford | 50 | BGSENT | 8/18/2015 | WNV |
| Kings | KNGS5516 | 402 | Cx. tarsalis | Hanford | 27 | BGSENT | 8/20/2015 | WNV |
| Kings | KNGS5516 | 404 | Cx. pipiens | Hanford | 50 | BGSENT | 8/20/2015 | WNV |
| Kings | KNGS5516 | 405 | Cx. pipiens | Hanford | 50 | BGSENT | 8/20/2015 | WNV |
| Kings | KNGS5516 | 406 | Cx. pipiens | Hanford | 50 | BGSENT | 8/20/2015 | WNV |
| Kings | KNGS5516 | 407 | Cx. pipiens | Hanford | 50 | BGSENT | 8/20/2015 | WNV |
| Kings | KNGS5519 | 384 | Cx. pipiens | Hanford | 41 | BGSENT | 8/18/2015 | WNV |
| Kings | KNGS8022 | 415 | Cx. tarsalis | Lemoore | 12 | CO2 | 8/18/2015 | WNV |
| Kings | KNGS8022 | 416 | Cx. pipiens | Lemoore | 31 | CO2 | 8/18/2015 | WNV |
| Lake | LAKE1000 | 463 | Cx. tarsalis | Upper Lake | 4 | REST | 8/25/2015 | WNV |
| Lake | LAKE1508 | 451 | Cx. stigmatosoma | Kelseyville | 11 | REST | 8/20/2015 | WNV |
| Lake | LAKE196 | 460 | Cx. tarsalis | Lakeport | 27 | CO2 | 8/25/2015 | WNV |
| Lake | LAKE302 | 468 | Cx. tarsalis | Clearlake Oaks | 50 | CO2 | 8/25/2015 | WNV |
| Los Angeles | GRLA2023 | 5704 | Cx. quinquefasciatus | Reseda | 50 | GRVD | 8/20/2015 | WNV |
| Los Angeles | GRLA2031 | 5707 | Cx. quinquefasciatus | Northridge | 50 | GRVD | 8/20/2015 | WNV |
| Los Angeles | GRLA2034 | 5701 | Cx. quinquefasciatus | Tarzana | 42 | GRVD | 8/20/2015 | WNV |
| Los Angeles | GRLA2081 | 562 | Cx. quinquefasciatus | Lynwood | 48 | GRVD | 8/18/2015 | WNV |
| Los Angeles | GRLA2115 | 557 | Cx. quinquefasciatus | Bell | 50 | GRVD | 8/18/2015 | WNV |
| Los Angeles | GRLA2145 | 592 | Cx. quinquefasciatus | Long Beach | 50 | GRVD | 8/21/2015 | WNV |
| Los Angeles | GRLA2194 | 579 | Cx. quinquefasciatus | South El Monte | 46 | GRVD | 8/20/2015 | WNV |
| Los Angeles | GRLA2222 | 586 | Cx. quinquefasciatus | Rowland Heights | 50 | GRVD | 8/20/2015 | WNV |
| Los Angeles | GRLA2383 | 591 | Cx. quinquefasciatus | Whittier | 46 | GRVD | 8/20/2015 | WNV |
| Los Angeles | GRLA2419 | 5685 | Cx. quinquefasciatus | Panorama City | 34 | CO2 | 8/18/2015 | WNV |
| Los Angeles | GRLA2421 | 5686 | Cx. quinquefasciatus | Panorama City | 49 | GRVD | 8/18/2015 | WNV |
| Los Angeles | GRLA2540 | 5706 | Cx. quinquefasciatus | Porter Ranch | 32 | GRVD | 8/20/2015 | WNV |
| Los Angeles | GRLA2555 | 5700 | Cx. quinquefasciatus | Encino | 50 | GRVD | 8/20/2015 | WNV |
| Los Angeles | GRLA2636 | 5698 | Cx. quinquefasciatus | Van Nuys | 26 | GRVD | 8/20/2015 | WNV |
| Los Angeles | GRLA2650 | 5682 | Cx. quinquefasciatus | Encino | 41 | GRVD | 8/18/2015 | WNV |
| Los Angeles | GRLA2655 | 5681 | Cx. quinquefasciatus | Encino | 50 | GRVD | 8/18/2015 | WNV |
| Los Angeles | GRLA2889 | 594 | Cx. quinquefasciatus | Lakewood | 39 | GRVD | 8/21/2015 | WNV |

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| Los Angeles | GRLA2890 | 595 | Cx. quinquefasciatus | Lakewood | 50 | GRVD | 8/21/2015 | WNV |
| Los Angeles | GRLA3034 | 5688 | Cx. quinquefasciatus | North Hills | 22 | GRVD | 8/18/2015 | WNV |
| Los Angeles | GRLA3035 | 5687 | Cx. quinquefasciatus | North Hills | 50 | GRVD | 8/18/2015 | WNV |
| Los Angeles | GRLA3037 | 5714 | Cx. quinquefasciatus | La Crescenta | 39 | GRVD | 8/21/2015 | WNV |
| Los Angeles | GRLA3042 | 584 | Cx. quinquefasciatus | Hacienda Heights | 32 | GRVD | 8/20/2015 | WNV |
| Los Angeles | GRLA3043 | 583 | Cx. quinquefasciatus | Avocado Heights | 12 | GRVD | 8/20/2015 | WNV |
| Los Angeles | GRLA3045 | 590 | Cx. quinquefasciatus | Whittier | 50 | GRVD | 8/20/2015 | WNV |
| Los Angeles | GRLA3049 | 555 | Cx. quinquefasciatus | Downey | 47 | GRVD | 8/18/2015 | WNV |
| Los Angeles | GRLA3056 | 559 | Cx. quinquefasciatus | Cudahy | 50 | GRVD | 8/18/2015 | WNV |
| Los Angeles | SGVA867 | 288 | Cx. quinquefasciatus | West Covina | 11 | CO2 | 8/20/2015 | WNV |
| Los Angeles | SGVA892 | 313 | Cx. quinquefasciatus | San Dimas | 40 | GRVD | 8/26/2015 | WNV |
| Los Angeles | SGVA892 | 314 | Cx. quinquefasciatus | San Dimas | 40 | GRVD | 8/26/2015 | WNV |
| Los Angeles | SGVA892 | 315 | Cx. quinquefasciatus | San Dimas | 40 | GRVD | 8/26/2015 | WNV |
| Los Angeles | SGVA892 | 316 | Cx. quinquefasciatus | San Dimas | 28 | GRVD | 8/26/2015 | WNV |
| Los Angeles | SGVA915 | 318 | Cx. quinquefasciatus | San Dimas | 35 | GRVD | 8/26/2015 | WNV |
| Madera | MADR259 | 206 | Cx. quinquefasciatus | Madera | 20 | CO2 | 8/19/2015 | WNV |
| Madera | MADR299 | 218 | Cx. quinquefasciatus | CHOWCHILLA | 30 | CO2 | 8/25/2015 | WNV |
| Madera | MADR306 | 212 | Cx. quinquefasciatus | Chowchilla | 50 | CO2 | 8/20/2015 | WNV |
| Madera | MADR3334 | 207 | Cx. quinquefasciatus | Madera | 45 | CO2 | 8/19/2015 | WNV |
| Madera | MADR3334 | 208 | Cx. tarsalis | Madera | 25 | CO2 | 8/19/2015 | WNV |
| Madera | MADR3334 | 213 | Cx. quinquefasciatus | Madera | 50 | CO2 | 8/21/2015 | WNV |
| Madera | MADR3334 | 219 | Cx. quinquefasciatus | Madera | 30 | CO2 | 8/25/2015 | WNV |
| Madera | MADR3334 | 220 | Cx. tarsalis | Madera | 35 | CO2 | 8/25/2015 | WNV |
| Orange | ORCO1005 | 2843 | Cx. quinquefasciatus | Buena Park | 50 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO1005 | 2844 | Cx. quinquefasciatus | Buena Park | 50 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO1005 | 2845 | Cx. quinquefasciatus | Buena Park | 49 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO1009 | 2742 | Cx. quinquefasciatus | Garden Grove | 50 | GRVD | 8/13/2015 | WNV |
| Orange | ORCO1009 | 2881 | Cx. quinquefasciatus | Garden Grove | 19 | CO2 | 8/19/2015 | WNV |
| Orange | ORCO1010 | 2916 | Cx. quinquefasciatus | Huntington Beach | 14 | GRVD | 8/20/2015 | WNV |
| Orange | ORCO1015 | 2500 | Cx. quinquefasciatus | Orange | 7 | GRVD | 8/7/2015 | WNV |
| Orange | ORCO1015 | 2501 | Cx. quinquefasciatus | Orange | 52 | GRVD | 8/8/2015 | WNV |
| Orange | ORCO1015 | 2505 | Cx. quinquefasciatus | Orange | 52 | GRVD | 8/8/2015 | WNV |
| Orange | ORCO1015 | 2506 | Cx. quinquefasciatus | Orange | 50 | GRVD | 8/8/2015 | WNV |
| Orange | ORCO1015 | 2511 | Cx. quinquefasciatus | Orange | 35 | GRVD | 8/8/2015 | WNV |
| Orange | ORCO1015 | 2512 | Cx. quinquefasciatus | Orange | 27 | GRVD | 8/8/2015 | WNV |
| Orange | ORCO1015 | 2513 | Cx. quinquefasciatus | Orange | 27 | GRVD | 8/8/2015 | WNV |
| Orange | ORCO1015 | 2514 | Cx. quinquefasciatus | Orange | 31 | GRVD | 8/8/2015 | WNV |
| Orange | ORCO1015 | 2516 | Cx. quinquefasciatus | Orange | 50 | GRVD | 8/10/2015 | WNV |
| Orange | ORCO1015 | 2517 | Cx. quinquefasciatus | Orange | 43 | GRVD | 8/10/2015 | WNV |
| Orange | ORCO1015 | 2632 | Cx. quinquefasciatus | Orange | 24 | GRVD | 8/12/2015 | WNV |
| Orange | ORCO1015 | 2637 | Cx. quinquefasciatus | Orange | 50 | GRVD | 8/12/2015 | WNV |
| Orange | ORCO1015 | 2646 | Cx. quinquefasciatus | Orange | 41 | GRVD | 8/12/2015 | WNV |
| Orange | ORCO1015 | 2661 | Cx. quinquefasciatus | Orange | 50 | GRVD | 8/12/2015 | WNV |
| Orange | ORCO1015 | 2663 | Cx. quinquefasciatus | Orange | 50 | GRVD | 8/12/2015 | WNV |
| Orange | ORCO1015 | 2664 | Cx. quinquefasciatus | Orange | 50 | GRVD | 8/12/2015 | WNV |
| Orange | ORCO1015 | 2674 | Cx. quinquefasciatus | Orange | 50 | GRVD | 8/12/2015 | WNV |
| Orange | ORCO1015 | 2675 | Cx. quinquefasciatus | Orange | 48 | GRVD | 8/12/2015 | WNV |
| Orange | ORCO1015 | 2902 | Cx. quinquefasciatus | Orange | 50 | GRVD | 8/20/2015 | WNV |
| Orange | ORCO1015 | 2905 | Cx. quinquefasciatus | Orange | 47 | CO2 | 8/20/2015 | WNV |
| Orange | ORCO1015 | 2906 | Cx. quinquefasciatus | Orange | 13 | CO2 | 8/20/2015 | WNV |
| Orange | ORCO1021 | 2795 | Cx. quinquefasciatus | Tustin | 47 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO1021 | 2799 | Cx. quinquefasciatus | Tustin | 50 | GRVD | 8/18/2015 | WNV |

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| Orange | ORCO1021 | 2800 | Cx. quinquefasciatus | Tustin | 50 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO1021 | 2801 | Cx. quinquefasciatus | Tustin | 9 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO1021 | 2911 | Cx. quinquefasciatus | Tustin | 50 | GRVD | 8/20/2015 | WNV |
| Orange | ORCO1021 | 2912 | Cx. quinquefasciatus | Tustin | 24 | GRVD | 8/20/2015 | WNV |
| Orange | ORCO1021 | 2917 | Cx. quinquefasciatus | Tustin | 25 | GRVD | 8/20/2015 | WNV |
| Orange | ORCO1021 | 2918 | Cx. quinquefasciatus | Tustin | 48 | GRVD | 8/20/2015 | WNV |
| Orange | ORCO1021 | 2920 | Cx. quinquefasciatus | Tustin | 50 | GRVD | 8/20/2015 | WNV |
| Orange | ORCO1021 | 2924 | Cx. quinquefasciatus | Tustin | 50 | GRVD | 8/20/2015 | WNV |
| Orange | ORCO1021 | 2925 | Cx. quinquefasciatus | Tustin | 50 | GRVD | 8/20/2015 | WNV |
| Orange | ORCO1021 | 2928 | Cx. quinquefasciatus | Tustin | 50 | GRVD | 8/20/2015 | WNV |
| Orange | ORCO1021 | 2932 | Cx. quinquefasciatus | Tustin | 42 | GRVD | 8/20/2015 | WNV |
| Orange | ORCO1021 | 2933 | Cx. quinquefasciatus | Tustin | 50 | GRVD | 8/20/2015 | WNV |
| Orange | ORCO1021 | 2934 | Cx. quinquefasciatus | Tustin | 36 | GRVD | 8/20/2015 | WNV |
| Orange | ORCO1021 | 2938 | Cx. quinquefasciatus | Tustin | 38 | GRVD | 8/20/2015 | WNV |
| Orange | ORCO1021 | 2939 | Cx. quinquefasciatus | Tustin | 50 | GRVD | 8/20/2015 | WNV |
| Orange | ORCO1021 | 2940 | Cx. quinquefasciatus | Tustin | 51 | GRVD | 8/20/2015 | WNV |
| Orange | ORCO1021 | 2946 | Cx. quinquefasciatus | Tustin | 50 | CO2 | 8/20/2015 | WNV |
| Orange | ORCO1021 | 2947 | Cx. quinquefasciatus | Tustin | 17 | CO2 | 8/20/2015 | WNV |
| Orange | ORCO1021 | 2949 | Cx. quinquefasciatus | Tustin | 50 | GRVD | 8/20/2015 | WNV |
| Orange | ORCO1021 | 2950 | Cx. quinquefasciatus | Tustin | 14 | GRVD | 8/20/2015 | WNV |
| Orange | ORCO1033 | 2808 | Cx. quinquefasciatus | Tustin | 40 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO1033 | 2809 | Cx. quinquefasciatus | Tustin | 40 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO17 | 2810 | Cx. quinquefasciatus | Orange | 30 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO2 | 2818 | Cx. quinquefasciatus | Fullerton | 50 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO2 | 2819 | Cx. quinquefasciatus | Fullerton | 50 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO205 | 2823 | Cx. quinquefasciatus | Tustin | 51 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO205 | 2824 | Cx. quinquefasciatus | Tustin | 51 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO217 | 2603 | Cx. quinquefasciatus | Santa Ana | 36 | GRVD | 8/12/2015 | WNV |
| Orange | ORCO217 | 2605 | Cx. quinquefasciatus | Santa Ana | 50 | GRVD | 8/12/2015 | WNV |
| Orange | ORCO217 | 2606 | Cx. quinquefasciatus | Santa Ana | 50 | GRVD | 8/12/2015 | WNV |
| Orange | ORCO217 | 2611 | Cx. quinquefasciatus | Santa Ana | 50 | GRVD | 8/12/2015 | WNV |
| Orange | ORCO217 | 2621 | Cx. quinquefasciatus | Santa Ana | 46 | GRVD | 8/12/2015 | WNV |
| Orange | ORCO217 | 2657 | Cx. quinquefasciatus | Santa Ana | 50 | GRVD | 8/12/2015 | WNV |
| Orange | ORCO217 | 2796 | Cx. quinquefasciatus | Santa Ana | 50 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO217 | 2797 | Cx. quinquefasciatus | Santa Ana | 50 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO217 | 2798 | Cx. quinquefasciatus | Santa Ana | 18 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO217 | 2847 | Cx. quinquefasciatus | Santa Ana | 28 | CO2 | 8/19/2015 | WNV |
| Orange | ORCO217 | 2900 | Cx. quinquefasciatus | Santa Ana | 50 | GRVD | 8/20/2015 | WNV |
| Orange | ORCO217 | 2901 | Cx. quinquefasciatus | Santa Ana | 30 | GRVD | 8/20/2015 | WNV |
| Orange | ORCO218 | 2487 | Cx. quinquefasciatus | Anaheim | 4 | GRVD | 8/7/2015 | WNV |
| Orange | ORCO218 | 2490 | Cx. quinquefasciatus | Anaheim | 50 | GRVD | 8/7/2015 | WNV |
| Orange | ORCO218 | 2492 | Cx. quinquefasciatus | Anaheim | 34 | GRVD | 8/7/2015 | WNV |
| Orange | ORCO218 | 2499 | Cx. quinquefasciatus | Anaheim | 10 | GRVD | 8/7/2015 | WNV |
| Orange | ORCO218 | 2735 | Cx. quinquefasciatus | Anaheim | 50 | GRVD | 8/13/2015 | WNV |
| Orange | ORCO218 | 2738 | Cx. quinquefasciatus | Anaheim | 36 | GRVD | 8/13/2015 | WNV |
| Orange | ORCO218 | 2794 | Cx. quinquefasciatus | Anaheim | 36 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO218 | 2974 | Cx. quinquefasciatus | Anaheim | 32 | GRVD | 8/21/2015 | WNV |
| Orange | ORCO238 | 2715 | Cx. quinquefasciatus | Anaheim | 50 | GRVD | 8/13/2015 | WNV |
| Orange | ORCO29 | 2852 | Cx. quinquefasciatus | Santa Ana | 50 | CO2 | 8/19/2015 | WNV |
| Orange | ORCO36 | 2832 | Cx. quinquefasciatus | Cypress | 50 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO36 | 2833 | Cx. quinquefasciatus | Cypress | 48 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO52 | 2537 | Cx. quinquefasciatus | Anaheim | 28 | GRVD | 8/11/2015 | WNV |
| Orange | ORCO52 | 2837 | Cx. quinquefasciatus | Anaheim | 50 | GRVD | 8/18/2015 | WNV |

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| Orange | ORCO52 | 2838 | Cx. quinquefasciatus | Anaheim | 50 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO52 | 2839 | Cx. quinquefasciatus | Anaheim | 50 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO60 | 2727 | Cx. stigmatosoma | Laguna Woods | 24 | GRVD | 8/13/2015 | WNV |
| Orange | ORCO84 | 2806 | Cx. quinquefasciatus | Orange | 39 | GRVD | 8/18/2015 | WNV |
| Orange | ORCO9 | 2807 | Cx. quinquefasciatus | Anaheim | 11 | GRVD | 8/18/2015 | WNV |
| Placer | PLCR516 | 1378 | Cx. tarsalis | Roseville | 32 | CO2 | 8/25/2015 | WNV |
| Riverside | COAV309 | 2605 | Cx. quinquefasciatus | Indian Wells | 37 | CO2 | 8/25/2015 | WNV |
| Riverside | COAV37 | 2637 | Cx. tarsalis | Mecca | 50 | CO2 | 8/25/2015 | WNV |
| Riverside | COAV37 | 2637 | Cx. tarsalis | Mecca | 50 | CO2 | 8/25/2015 | SLEV |
| Riverside | COAV45 | 2623 | Cx. tarsalis | Mecca | 50 | CO2 | 8/25/2015 | SLEV |
| Riverside | COAV46 | 2624 | Cx. tarsalis | Mecca | 50 | CO2 | 8/25/2015 | SLEV |
| Riverside | COAV46 | 2625 | Cx. tarsalis | Mecca | 50 | CO2 | 8/25/2015 | SLEV |
| Riverside | COAV48 | 2617 | Cx. tarsalis | Mecca | 21 | CO2 | 8/25/2015 | SLEV |
| Riverside | COAV58 | 2616 | Cx. tarsalis | Mecca | 18 | CO2 | 8/25/2015 | SLEV |
| Riverside | COAV611 | 2627 | Cx. tarsalis | Mecca | 28 | CO2 | 8/25/2015 | SLEV |
| Riverside | NWST86 | 131 | Cx. quinquefasciatus | Corona | 48 | CO2 | 8/21/2015 | WNV |
| Riverside | NWST9226 | 129 | Cx. quinquefasciatus | | 15 | CO2 | 8/20/2015 | WNV |
| Riverside | RIVR31 | 442 | Cx. tarsalis | Nuevo | 50 | CO2 | 8/26/2015 | WNV |
| Riverside | RIVR40 | 470 | Cx. quinquefasciatus | Moreno Valley | 50 | CO2 | 8/26/2015 | WNV |
| Riverside | RIVR52 | 472 | Cx. quinquefasciatus | Moreno Valley | 40 | CO2 | 8/26/2015 | WNV |
| Riverside | RIVR54 | 458 | Cx. tarsalis | Moreno Valley | 50 | CO2 | 8/26/2015 | WNV |
| Sacramento | SAYO204015 | 4508 | Cx. pipiens | Citrus Heights | 4 | GRVD | 8/27/2015 | WNV |
| Sacramento | SAYO204047 | 4452 | Cx. pipiens | Orangevale | 11 | GRVD | 8/25/2015 | WNV |
| Sacramento | SAYO214013 | 4461 | Cx. pipiens | Carmichael | 35 | CO2 | 8/25/2015 | WNV |
| Sacramento | SAYO233009 | 4384 | Cx. pipiens | Elk Grove | 19 | GRVD | 8/25/2015 | WNV |
| Sacramento | SAYO233015 | 4389 | Cx. pipiens | Sacramento | 50 | GRVD | 8/25/2015 | WNV |
| Sacramento | SAYO233018 | 4393 | Cx. pipiens | Sacramento | 26 | GRVD | 8/25/2015 | WNV |
| Sacramento | SAYO233036 | 4395 | Cx. pipiens | Elk Grove | 45 | CO2 | 8/25/2015 | WNV |
| Sacramento | SAYO233075 | 4365 | Cx. pipiens | Elk Grove | 26 | CO2 | 8/25/2015 | WNV |
| Sacramento | SAYO233075 | 4366 | Cx. pipiens | Elk Grove | 16 | GRVD | 8/25/2015 | WNV |
| Sacramento | SAYO234009 | 4399 | Cx. pipiens | Elk Grove | 50 | CO2 | 8/25/2015 | WNV |
| Sacramento | SAYO234013 | 4408 | Cx. tarsalis | Elk Grove | 10 | CO2 | 8/25/2015 | WNV |
| Sacramento | SAYO234013 | 4409 | Cx. pipiens | Elk Grove | 25 | CO2 | 8/25/2015 | WNV |
| Sacramento | SAYO235004 | 4540 | Cx. pipiens | Wilton | 3 | GRVD | 8/27/2015 | WNV |
| Sacramento | SAYO243016 | 4353 | Cx. pipiens | Elk Grove | 50 | CO2 | 8/25/2015 | WNV |
| Sacramento | SAYO243026 | 4340 | Cx. pipiens | Elk Grove | 50 | CO2 | 8/25/2015 | WNV |
| Sacramento | SAYO243032 | 4348 | Cx. pipiens | Elk Grove | 50 | CO2 | 8/25/2015 | WNV |
| San Bernardino | WVAL1009 | 1206 | Cx. quinquefasciatus | Ontario | 25 | GRVD | 8/21/2015 | WNV |
| San Bernardino | WVAL1009 | 1207 | Cx. quinquefasciatus | Ontario | 25 | GRVD | 8/21/2015 | WNV |
| San Bernardino | WVAL2003 | 1200 | Cx. quinquefasciatus | Chino | 5 | CO2 | 8/19/2015 | WNV |
| San Bernardino | WVAL2005 | 1201 | Cx. stigmatosoma | Chino | 5 | CO2 | 8/19/2015 | WNV |
| San Bernardino | WVAL2005 | 1202 | Cx. quinquefasciatus | Chino | 25 | CO2 | 8/19/2015 | WNV |
| San Bernardino | WVAL2005 | 1203 | Cx. quinquefasciatus | Chino | 15 | CO2 | 8/19/2015 | WNV |
| San Bernardino | WVAL2005 | 1204 | Cx. tarsalis | Chino | 14 | CO2 | 8/19/2015 | WNV |
| San Bernardino | WVAL2007 | 1166 | Cx. quinquefasciatus | Ontario | 5 | CO2 | 8/18/2015 | WNV |
| San Bernardino | WVAL2020 | 1193 | Cx. quinquefasciatus | Fwy CA 71 | 17 | GRVD | 8/19/2015 | WNV |
| San Bernardino | WVAL2021 | 1194 | Cx. quinquefasciatus | Fwy CA 71 | 16 | GRVD | 8/19/2015 | WNV |
| San Bernardino | WVAL2022 | 1195 | Cx. quinquefasciatus | Fwy CA 60 | 18 | GRVD | 8/19/2015 | WNV |
| San Bernardino | WVAL5004 | 1179 | Cx. stigmatosoma | Rancho Cucamonga | 5 | GRVD | 8/18/2015 | WNV |
| San Bernardino | WVAL5004 | 1180 | Cx. quinquefasciatus | Rancho Cucamonga | 25 | GRVD | 8/18/2015 | WNV |

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| San Bernardino | WVAL5004 | 1181 | Cx. quinquefasciatus | Rancho Cucamonga | 19 | GRVD | 8/18/2015 | WNV |
| San Bernardino | WVAL5006 | 1178 | Cx. quinquefasciatus | Rancho Cucamonga | 21 | GRVD | 8/18/2015 | WNV |
| San Bernardino | WVAL6001 | 1167 | Cx. quinquefasciatus | Ontario | 26 | GRVD | 8/18/2015 | WNV |
| San Bernardino | WVAL6002 | 1168 | Cx. quinquefasciatus | Ontario | 23 | CO2 | 8/18/2015 | WNV |
| San Bernardino | WVAL6003 | 1188 | Cx. quinquefasciatus | Ontario | 13 | GRVD | 8/18/2015 | WNV |
| San Bernardino | WVAL6004 | 1184 | Cx. quinquefasciatus | Ontario | 13 | GRVD | 8/18/2015 | WNV |
| San Bernardino | WVAL6004 | 1192 | Cx. quinquefasciatus | Ontario | 21 | GRVD | 8/18/2015 | WNV |
| San Bernardino | WVAL6009 | 1190 | Cx. quinquefasciatus | Ontario | 27 | GRVD | 8/18/2015 | WNV |
| San Bernardino | WVAL6009 | 1191 | Cx. quinquefasciatus | Ontario | 25 | GRVD | 8/18/2015 | WNV |
| San Bernardino | WVAL6012 | 1183 | Cx. quinquefasciatus | Ontario | 23 | GRVD | 8/18/2015 | WNV |
| San Bernardino | WVAL6014 | 1173 | Cx. quinquefasciatus | Fwy CA 60 | 13 | GRVD | 8/18/2015 | WNV |
| San Bernardino | WVAL7001 | 1175 | Cx. quinquefasciatus | Montclair | 10 | GRVD | 8/18/2015 | WNV |
| San Joaquin | SJCM8009 | 1948 | Cx. pipiens | Stockton | 35 | CO2 | 8/25/2015 | WNV |
| San Joaquin | SJCM8009 | 1950 | Cx. tarsalis | Stockton | 50 | CO2 | 8/25/2015 | WNV |
| San Joaquin | SJCM8009 | 1951 | Cx. tarsalis | Stockton | 36 | CO2 | 8/25/2015 | WNV |
| San Joaquin | SJCM8010 | 1957 | Cx. pipiens | Ripon | 14 | CO2 | 8/25/2015 | WNV |
| San Joaquin | SJCM8020 | 1882 | Cx. pipiens | Acampo | 52 | CO2 | 8/25/2015 | WNV |
| San Joaquin | SJCM8020 | 1883 | Cx. pipiens | Acampo | 50 | CO2 | 8/25/2015 | WNV |
| San Joaquin | SJCM8022 | 1959 | Cx. pipiens | Holt | 50 | CO2 | 8/25/2015 | WNV |
| San Joaquin | SJCM8037 | 2002 | Cx. pipiens | Lathrop | 36 | CO2 | 8/27/2015 | WNV |
| San Joaquin | SJCM8041 | 1918 | Cx. tarsalis | Lodi | 32 | CO2 | 8/25/2015 | WNV |
| San Joaquin | SJCM8047 | 2005 | Cx. pipiens | Stockton | 50 | CO2 | 8/27/2015 | WNV |
| San Joaquin | SJCM8047 | 2006 | Cx. pipiens | Stockton | 38 | CO2 | 8/27/2015 | WNV |
| San Joaquin | SJCM8082 | 1924 | Cx. tarsalis | Stockton | 2 | CO2 | 8/25/2015 | WNV |
| San Joaquin | SJCM8097 | 1905 | Cx. tarsalis | Banta | 7 | CO2 | 8/25/2015 | WNV |
| San Joaquin | SJCM8100 | 1915 | Cx. pipiens | Tracy | 4 | CO2 | 8/25/2015 | WNV |
| San Joaquin | SJCM8159 | 1892 | Cx. pipiens | Stockton | 33 | CO2 | 8/25/2015 | WNV |
| San Joaquin | SJCM8189 | 1990 | Cx. pipiens | Acampo | 45 | CO2 | 8/27/2015 | WNV |
| San Joaquin | SJCM8191 | 1925 | Cx. tarsalis | Lodi | 24 | CO2 | 8/25/2015 | WNV |
| Shasta | SHAS10050 | 456 | Cx. tarsalis | Cottonwood | 36 | CO2 | 8/25/2015 | WNV |
| Shasta | SHAS10140 | 450 | Cx. tarsalis | | 36 | CO2 | 8/25/2015 | WNV |
| Shasta | SHAS271 | 445 | Cx. pipiens | Anderson | 50 | CO2 | 8/20/2015 | WNV |
| Stanislaus | TRLK1106 | 1039 | Cx. pipiens | | 50 | CO2 | 8/25/2015 | WNV |
| Stanislaus | TRLK1214 | 1080 | Cx. pipiens | Turlock | 50 | CO2 | 8/25/2015 | WNV |
| Stanislaus | TRLK1214 | 1082 | Cx. pipiens | Turlock | 50 | CO2 | 8/25/2015 | WNV |
| Stanislaus | TRLK1214 | 1083 | Cx. pipiens | Turlock | 50 | CO2 | 8/25/2015 | WNV |
| Stanislaus | TRLK1214 | 1084 | Cx. pipiens | Turlock | 50 | CO2 | 8/25/2015 | WNV |
| Stanislaus | TRLK1214 | 1087 | Cx. pipiens | Turlock | 50 | CO2 | 8/25/2015 | WNV |
| Stanislaus | TRLK1308 | 1066 | Cx. pipiens | Denair | 50 | CO2 | 8/25/2015 | WNV |
| Stanislaus | TRLK432 | 1052 | Cx. pipiens | Turlock | 50 | CO2 | 8/25/2015 | WNV |
| Stanislaus | TRLK432 | 1059 | Cx. pipiens | Turlock | 50 | CO2 | 8/25/2015 | WNV |
| Stanislaus | TRLK526 | 1072 | Cx. pipiens | Denair | 50 | CO2 | 8/25/2015 | WNV |
| Stanislaus | TRLK703 | 1043 | Cx. pipiens | Turlock | 50 | CO2 | 8/25/2015 | WNV |
| Sutter | SUYA14 | 345 | Cx. tarsalis | Sutter | 45 | REST | 8/24/2015 | WNV |
| Tulare | DLTA6407 | 1273 | Cx. quinquefasciatus | Dinuba | 29 | GRVD | 8/21/2015 | WNV |
| Tulare | DLTA6407 | 1274 | Cx. quinquefasciatus | Dinuba | 31 | GRVD | 8/21/2015 | WNV |
| Tulare | DLTA6408 | 1290 | Cx. quinquefasciatus | Dinuba | 15 | GRVD | 8/21/2015 | WNV |
| Tulare | DLTA6408 | 1291 | Cx. quinquefasciatus | Dinuba | 47 | GRVD | 8/21/2015 | WNV |
| Tulare | DLTA6408 | 1292 | Cx. quinquefasciatus | Dinuba | 26 | GRVD | 8/21/2015 | WNV |
| Tulare | DLTA6408 | 1293 | Cx. quinquefasciatus | Dinuba | 45 | GRVD | 8/21/2015 | WNV |
| Tulare | DLTA6408 | 1294 | Cx. quinquefasciatus | Dinuba | 21 | GRVD | 8/21/2015 | WNV |
| Tulare | DLTA6417 | 1282 | Cx. quinquefasciatus | Dinuba | 50 | GRVD | 8/21/2015 | WNV |

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| Tulare | DLTA6417 | 1287 | Cx. quinquefasciatus | Dinuba | 50 | GRVD | 8/21/2015 | WNV |
| Tulare | DLTA6417 | 1289 | Cx. quinquefasciatus | Dinuba | 24 | GRVD | 8/21/2015 | WNV |
| Tulare | DLTA8528 | 1296 | Cx. quinquefasciatus | Visalia | 18 | GRVD | 8/25/2015 | WNV |
| Tulare | DLTA8531 | 1316 | Cx. quinquefasciatus | Visalia | 49 | GRVD | 8/26/2015 | WNV |
| Tulare | DLTA8531 | 1318 | Cx. quinquefasciatus | Visalia | 18 | GRVD | 8/26/2015 | WNV |
| Tulare | DLTA8533 | 1322 | Cx. quinquefasciatus | Visalia | 23 | GRVD | 8/26/2015 | WNV |
| Tulare | DLTA8533 | 1323 | Cx. quinquefasciatus | Visalia | 50 | GRVD | 8/26/2015 | WNV |
| Tulare | DLTA8533 | 1325 | Cx. quinquefasciatus | Visalia | 15 | GRVD | 8/26/2015 | WNV |
| Tulare | DLTA8534 | 1297 | Cx. quinquefasciatus | Visalia | 42 | GRVD | 8/25/2015 | WNV |
| Tulare | DLTA8536 | 1255 | Cx. quinquefasciatus | Farmersville | 41 | GRVD | 8/20/2015 | WNV |
| Tulare | DLTA9501 | 1264 | Cx. quinquefasciatus | Farmersville | 12 | GRVD | 8/20/2015 | WNV |
| Tulare | DLTA9504 | 1301 | Cx. quinquefasciatus | Visalia | 45 | GRVD | 8/25/2015 | WNV |
| Tulare | DLTA9506 | 1303 | Cx. quinquefasciatus | Visalia | 13 | GRVD | 8/25/2015 | WNV |
| Tulare | DLTA9512 | 1258 | Cx. quinquefasciatus | Farmersville | 50 | GRVD | 8/20/2015 | WNV |
| Tulare | DLTA9512 | 1259 | Cx. quinquefasciatus | Farmersville | 31 | GRVD | 8/20/2015 | WNV |
| Tulare | DLTA9512 | 1262 | Cx. quinquefasciatus | Farmersville | 49 | GRVD | 8/20/2015 | WNV |
| Tulare | DLTA9603 | 1310 | Cx. quinquefasciatus | Exeter | 49 | GRVD | 8/25/2015 | WNV |
| Tulare | TLRE101 | 60 | Cx. quinquefasciatus | Tulare | 15 | CO2 | 8/19/2015 | WNV |
| Tulare | TLRE64 | 62 | Cx. quinquefasciatus | Tulare | 12 | CO2 | 8/25/2015 | WNV |
| Tulare | TLRE93 | 65 | Cx. tarsalis | Tulare | 13 | CO2 | 8/25/2015 | WNV |
| Yolo | SAYO103003 | 4622 | Cx. tarsalis | Dunnigan | 50 | CO2 | 8/27/2015 | WNV |
| Yolo | SAYO114001 | 4619 | Cx. tarsalis | Zamora | 50 | CO2 | 8/27/2015 | WNV |
| Yolo | SAYO115001 | 4613 | Cx. tarsalis | Knights Landing | 50 | CO2 | 8/27/2015 | WNV |
| Yolo | SAYO115001 | 4615 | Cx. tarsalis | Knights Landing | 50 | CO2 | 8/27/2015 | WNV |
| Yolo | SAYO116002 | 4609 | Cx. tarsalis | Knights Landing | 50 | CO2 | 8/27/2015 | WNV |
| Yolo | SAYO135014 | 4595 | Cx. tarsalis | Davis | 50 | CO2 | 8/27/2015 | WNV |
| Yolo | SAYO135016 | 4328 | Cx. tarsalis | Woodland | 36 | CO2 | 8/25/2015 | WNV |
| Yolo | SAYO136010 | 4589 | Cx. tarsalis | Woodland | 50 | CO2 | 8/27/2015 | WNV |
| Yolo | SAYO136010 | 4591 | Cx. tarsalis | Woodland | 50 | CO2 | 8/27/2015 | WNV |
| Yolo | SAYO144001 | 4600 | Cx. tarsalis | Davis | 50 | CO2 | 8/27/2015 | WNV |
| Yolo | SAYO146002 | 4299 | Cx. tarsalis | Davis | 50 | CO2 | 8/25/2015 | WNV |
| Yolo | SAYO146002 | 4301 | Cx. tarsalis | Davis | 50 | CO2 | 8/25/2015 | WNV |

Sentinel Chickens

| County | Site Code | City | Date Bled | Virus | Band 01 | Band 02 | Band 03 | Band 04 |
|----------------|------------|----------------|-----------|-------|---------|---------|---------|---------|
| Los Angeles | ANTV7947 | Palmdale | 8/19/2015 | WNV | 1054 | | | |
| Los Angeles | GRLA2465 | Los Feliz | 8/17/2015 | WNV | 5341 | 5344 | 5346 | |
| Placer | PLCR0757 | Auburn | 8/24/2015 | WNV | 2688 | 2690 | 2691 | |
| Riverside | RIVR0004 | Beaumont | 8/19/2015 | WNV | 1913 | 1919 | 1924 | |
| San Bernardino | SANB0003 | Colton | 8/18/2015 | WNV | 2010 | 2011 | 2012 | 2015 |
| San Bernardino | SANB0011 | Rialto | 8/18/2015 | WNV | 2040 | | | |
| San Bernardino | SANB0029 | San Bernardino | 8/18/2015 | WNV | 2027 | 2029 | | |
| Santa Clara | STCL0028 | Palo Alto | 8/24/2015 | WNV | 2102 | 2104 | 2106 | |
| Solano | SOLA0015 | Winters | 8/21/2015 | WNV | 1609 | 1611 | | |
| Solano | SOLA0125 | Cordelia | 8/21/2015 | WNV | 1626 | | | |
| Yolo | SAYO123001 | Esparto | 8/12/2015 | WNV | 4461 | | | |

California Arbovirus Surveillance Bulletin #26

Week 34 Friday, August 28, 2015

Test Protocols

Humans:

Specimens are tested by local laboratories with an IgM or IgG immunofluorescent assay (IFA) and/or an IgM enzyme immunoassay (EIA). Specimens with inconclusive results are forwarded to the California Department of Public Health Viral and Rickettsial Disease Laboratory (VRDL) for further testing or confirmation.

Dead Birds

Oral swab samples from corvids are collected onto RNA preservation cards and tested by the UC Davis Center for Vectorborne Diseases (CVEC) for West Nile virus by the singleplex RT-PCR Taqman assay and confirmed with a second primer set. Some local agencies test birds using the RAMP© test or conduct RT-PCR on tissue samples.

Sentinel Chickens:

Dried blood spot specimens from sentinel chickens are submitted to the California Department of Public Health Vector-Borne Disease Laboratory and tested for the presence of antibodies to West Nile, western equine encephalomyelitis, and St. Louis encephalitis viruses by EIA. Positive samples are confirmed by IFA, western-blot, or PRNT.

Mosquito Pools:

Mosquito pools are submitted to CVEC and screened for West Nile, western equine encephalomyelitis, and St. Louis encephalitis viral RNA using a Taqman multiplex RT-PCR. CVEC no longer performs confirmatory testing on PCR-positive pools of *Cx. tarsalis* and *Cx. quinquefasciatus* but will continue to confirm multiplex PCR-positive results for other mosquito species using singleplex RT-PCR.

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